

LEARNING CONNECTION

Providing data, resources and tools to support student achievement

Resources and content shared in Teachers' Toolbox issues will now be shared in content specific Learning Connection communities. See information below and page 2!

New to LC? How to Sign Up

1. Go to this [link](#) (also bookmark it!)
2. Click on the "Register" tab in the upper right hand corner.
3. Chose what type of account. (Educator/Parent/Student)
4. Enter information about yourself; including: *email address* you want to receive notifications at, *school corporation* (optional), *username* and *password*, and *security questions*.
5. Click register!
6. Before you can log in for the first time you will have to activate your account following instructions sent in an email to the email address you provided.

You don't have to have a registration code to sign up!

How to Join Communities

Once you log in for the first time, you will need to search for communities to join. Look on [page two](#) for some suggestions!

1. From your Dashboard (landing page upon logging in), click on "Contacts & Communities" tab and select "My Communities."
2. Click "Find A Community."
3. Select the community type and then type in a keyword and search.

4. Once search populates, review names and descriptions of communities and then click "Join Community" on the far right.

How to Adjust LC Settings

The default notification setting is to receive an email each time a post is made to a community to which you belong. To adjust these notifications settings, follow these steps!

1. From your Dashboard (landing page upon logging in), click on the "Profile" tab at the top.
2. Select "Notifications" and adjust your preferences.
3. Click Save!

Archived Teachers' Toolbox Issues

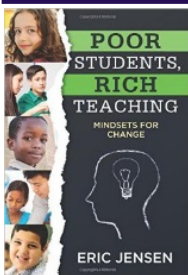
All issues of Teachers' Toolbox will remained archived on the Teachers' Toolbox [website](#). The Teachers' Toolbox email account will be deactivated after May 2, 2017.

Sign Up for Dr. McCormick's Weekly Update

To receive weekly updates from Dr. McCormick and the Indiana Department of Education, click [here](#). To see archived Weekly Updates visit [this](#) website.

Summer Book Study Opportunity from PK-16

Educators of all levels and all contents are invited to participate in an online book study on Eric Jensen's Poor Students, Rich Teaching. Book Study will run from June 5th-August 6th. Click this [link](#) for more information and sign up! Participants can earn up to 15 PGPS!



This Issue:

All Contents/All Levels
[Learning Connection and Alt. Ed.](#)
[High Ability ELA Unit PD](#)
[Instruction and Access for All](#)
[World Languages](#)
[Health and P.E.](#)

[Social Studies](#)
[Computer Science K-12](#)
[Engineer and Technology](#)
[Elementary Specific](#)
[Elementary Education](#)

Secondary Specific
[Secondary Math](#)
[Secondary Science](#)
[Business/Marketing 1 2](#)
[Trade and Industry](#)
[Health Science](#)
[Secondary ELA](#)
[FACS and WBL](#)

The materials contained in Teachers' Toolbox, produced by the Indiana Department of Education, are drawn from both internal and external sources. Inclusion of external materials does not necessarily indicate an Indiana Department of Education endorsement.

Learning Connection Communities

All Levels:

- **Curriculum and Instruction** All content areas, administrators, counselors and curriculum directors
- **High Ability Coordinators**
- **Teachers of Students with High Abilities**
- **Physical Education**
- **Health Educators**
- **Fine Arts Faction**
- **Teachers who Work with Students with Disabilities**
- **IDOE-Indiana Engineering and Technology Educators**
- **World Languages and Cultures** World Language Teachers/Professors
- **Global Learning** All subjects, All levels interested in internationalizing their curriculum & students
- **Dual Language Immersion** Those schools, teachers, professors, etc... in or wanting to be involved in Dual Language Immersion programs
- **Social Studies Collaborative**
- **Indiana Mathematics**
- **Green Ribbon Schools**
- **Indiana STEM**

Elementary (PK-5/6):

- **Indiana Elementary Education** Provides support for teachers and administrators across the state for high quality elementary education

Secondary (5/6-12):

- **Indiana Secondary ELA Teachers**
- **IDOE-Business, Marketing, & IT Education** – sharing of curriculum guides for various courses, projects, and ideas for teaching BMIT&E.
- **IMEA-Indiana Marketing Educators Association** (members only community) specifically for marketing teachers. *Select "User Created" to find this community.*
- **Indiana Business Education Association** (members only community) is for business, CTE business, and CTE marketing teachers to join and receive all the benefits of membership. *Select "User Created" to find this community.*
- **Alternative Education**
- **Family and Consumer Sciences Educators and Friends**
- **Indiana Agriculture Education Teachers** *Select "User Created" to find this community.*
- **Science Educators Discussion Group**
- **Health Science Educators**

Join any communities that you feel apply to your teaching! Be mindful of typing in the name of the community exactly!

Alternative Education

Alt Ed Specialist: [Julia Johns](#)

IDOE Learning Connection

Please join our community to receive alt ed updates, find resources, posts questions on the forum, and collaborate with others in alternative education. All future Alternative Education memos, updates, resources will only be shared via email and our Learning Connection community.

[IDOE - Alternative Education](#)

SY2016-17 Data Reminder

Alt Ed Grant Renewal – began on Monday April 3, 2017 and will end on Friday July 14, 2017 - memo was sent via email and posted on the Learning Connection on April 3, 2017

DOE AL Reporting – will begin on Monday May 15, 2017 and end on Friday July 14, 2017 – memo will be sent out via email and posted on the Learning Connection on Monday May 15, 2017.

Summer Book Studies

[Deliberate Optimism](#) by Debbie Silver will begin on June 5, 2017 and last 9 weeks. If you would like to join this study, please register [here](#).

[UNShakeABLE](#) by Angela Watson will begin on June 5, 2017 and last 11 weeks. If you would like to join this study, please register [here](#).

PD Opportunities

- ❖ The Freshman Success Conference
[June 25-28, 2017](#)
- ❖ Reaching the Wounded Student Conference
[June 25-28, 2017](#)

New Program Proposals for SY2017-18

Proposals for new alternative education programs must be submitted for review by Friday June 30, 2017. Information regarding starting an alternative education program can be found [here](#)

Additional Resources

[Dropout Prevention](#)
[Reading & Writing](#)
[Indiana History Rocks!](#)
[Indiana Authors](#)

Instruction & Access for All

May 2017

Planning to Assess with Access in Mind

According to *UDL Theory & Action*, The process of gathering information about a learner's performance to make education decisions is the primary role of assessment. The main types of assessment are 1) formative assessment, which is employed during instruction to measure a learner's progress and adjust teaching and learning; and 2) summative assessment, which measures educational performance related to a learning goal or target. The planning and development of formative or summative assessments is critical to ensuring that they are able to accomplish the goal of determining students' knowledge, skills and abilities. If there are any barriers to the assessment, the accuracy of the measurement will fail and the ability to use the assessment to plan for additional instruction or identify student progress will be impossible. Given this, it is important that teachers are able to determine what barriers exist for students in pre-made assessment items, and learn to provide accommodations or adaptations to those items.

In the tenth Short Share video, the focus is on assessment. Please click here to view Short Share #10 (Assessment):

<https://youtu.be/fwLA4U3Fpo4>.



Assessments should be designed to improve both teaching and learning.

Illustration by Chris Vallo, © 2013 CAST, Inc.

Universal Design for Learning: Providing Access

In this edition we continue to share resources for providing access to grade level curriculum and instruction for all students through the use of UDL. As a reminder, instead of trying to take on planning and using the entire UDL Framework within your instruction, try selecting **one** activity to try from the examples and resources section of this edition. Commit to incorporating just one new strategy into your lesson planning this month as a way to increase implementation of the entire framework over time.

Building on the key strategies related to Principle II: Provide Multiple Means of Action and Expression and considering how to approach these to support student assessment is necessary to ensure access and eliminate barriers that can impact whether an assessment is accurately measuring student's skills, knowledge and abilities. Assessments should provide opportunities for discussion between teachers and learners about strengths and weaknesses, ways to let learners take a more proactive role in their education, and about clarification of expectations, frustrations, and future goals. This involves openly providing feedback in a way that allows both teachers and students to evaluate their work and together figure out ways to teach and learn more effectively.

Check it Out!

Perspectives on UDL and Assessment

Dr. Robert Mislevy, a leading expert in educational assessment, technology, and cognitive science, shares his insights on the integration of UDL and assessment. Dr. Mislevy points out that a principled application of UDL can increase the value and validity of large scale assessment for a greater number of students.

http://www.udlcenter.org/resource_library/articles/mislevy



To continue following the Instruction & Access for All, please join the following Learning Connection Community:

IDOE - Teachers Who Work with Students with Disabilities

Examples & Resources:

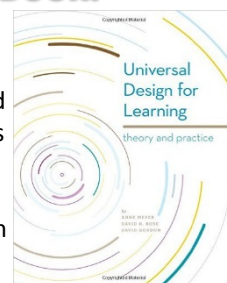
- ☐ **Effective assessments are ongoing and focused on learner progress**
 - Observing and talking to students
 - Portfolio assessments
 - Project-Based Learning
 - self-assessment journals
- ☐ **Effective assessments measure both product and process**
 - Using rubrics can assist in assessing product and process and providing clear feedback.

<https://www.edutopia.org/blog/creating-authentic-maker-education-rubric-lisa-yokana>

- ☐ **Effective assessments are flexible, not fixed**
- ☐ **Effective assessments are relevant** (Measuring the skill being assessed not other skills that could be barriers.)
- ☐ **Effective assessments actively inform and involve learners**
 - Exit Activities can provide immediate feedback to teachers and students

Featured Book:

In the 1990s, Anne Meyer, David Rose, and their colleagues at CAST introduced universal design for learning



(UDL), a framework to improve teaching and learning. *Universal Design for Learning: Theory & Practice* is the compilation of their work. Free Web Version, or purchase a copy on Amazon <http://udltheorypractice.cast.org>

High Ability ELA Units PD

This is NEW training for a NEW set of High Ability English Language Arts units for each grade 2 - 10. The new units may be used in addition to the original units (2014); however, teachers do not need to have used the original units in order to use these units.

Register Here!

There is no fee for registration. Please limit registrations to 1 per grade level per district. Register early to ensure a spot, as space is limited. 6 PGPS will be offered.

June 5th - [High Ability Language Arts Curriculum Workshop - June 5th](#) (Grades 2nd, 3rd, 4th, 5th)

June 6th - [High Ability Language Arts Curriculum Workshop - June 6th](#) (Grades 6th, 7th, 8th, 9th, 10th)

June 13th - [High Ability Language Arts Curriculum Workshop - June 13th](#) (Grades 2nd, 3rd, 4th, 5th) *Repeat of June 5th workshop

Register by May 23

When:

9 a.m. to 3 p.m.

Lunch on your own

Where:

Blue and Gold Academy;
Community Room
5650 Mann Road,
Indianapolis, IN 46221.

*Attendees can park in the back of
the building and enter through
door #14.*

Additional Notes:

- A lesson by lesson walk through for each grade by the author/presenter familiar with the grade level unit will be provided.
- Instructions for online access of pdf drafts of new units will be provided prior to the workshop.
- Display or table copies of printed units will be used during training, but teachers will need to access the units online themselves. *Printed copies will not be provided to the participants.*

Participant Takeaways from Training:

- Learn how the units include the elements of gifted education and align with the Indiana Academic Standards.
- Learn how instructional models are used within the units.
- Learn about the use of pre/post assessments to measure student growth.
- Learn how the units align vertically from grade to grade.
- Learn how the new units work with the original units and mini-units to provide a strong, articulated High Ability Language Arts Curriculum Plan, fulfilling the state requirement for a written plan for Curriculum and Instruction, differentiated for High Ability learners.

Presenters and Unit Authors:

All Dates:

Ginny Burney, Kristie Speirs Neumeister, Monica Plantan, and
Lisa Novotney

June 5 & 13:

Amy Jones, Claire Edwards, Jenny Gosch

June 6:

Katie Isch

Contact [Lisa](#)
with questions!

SOCIAL STUDIES

Teachers' Toolbox

This is the last issue of Teachers Toolbox

May 2017

Cross-Curricular Learning Activities

From Kids Discover

Classrooms are turning towards cross-curricular instruction to bring new life to lessons and enhance learning. Use the following games and activities to break down silos between disciplines and add a playful twist to your science and social studies lessons.

[Antarctica](#)

Integrates Science, Geography, Social Studies, Art, Language Arts, and Mathematics.

[How America Works](#)

Integrates Language Arts, Drama, Math, Social Studies, and Art.

[Roman Empire](#)

Integrates Math, History, Geography, Social Studies, Language Arts, and Art

[Geography](#)

Integrates Geography, Language Arts, Social Studies, Art, Science, History, and Music.

How to Teach Controversial Topics and Civil Debate

From Civics Renewal Network

As our nation becomes more polarized, discussing current events and controversial issues can be difficult for teachers. How can civil debate be fostered? How can critical thinking skills be incorporated? Classroom resources from numerous Civics Renewal Network partners have been compiled to make it easier for teachers to find what they need. Check out [classroom resources](#) from Civics Renewal Network organizations such as the Newseum, Street Law and Constitutional Rights Foundation. You'll find materials appropriate for second grade through high school.

What is Disciplinary Literacy?

From Annenberg Learner

Teachers expect that students have learned the basic skills and strategies for reading and comprehending text when they enter middle and high school.

However, even students who have developed effective literacy practices in the early years may not have the reading and writing skills they need to successfully read and write the complex texts required in middle and high school.

This [link](#) covers factors related to literacy development, the concept of disciplinary literacy and how it differs from content-area literacy, and the multiple literacies that students use—both in and out of school—to be literate in today's world.

[See what happened in the month of May](#)

Specialist Contact: Bruce Blomberg, bblomberg@doe.in.gov, 317-232-9078

READING WRITING IN THE DISCIPLINES





STEM Grant Opportunity for Elementary Teachers

TechPoint Foundation for Youth has launched an exciting State Robotics Initiative giving all Indiana **elementary** (K-5) teachers the opportunity to start a robotics program at their school and providing all of the resources and tools needed. No prior robot knowledge is necessary, TechPoint Foundation for Youth will train and support you! The Robotics Grant includes a VEX IQ Robotics Kit, PLTW classroom resources, teacher training and ongoing support, and team registration costs.

Learn more and apply [here](http://www.techpointyouth.org/robotgrant/) today! (www.techpointyouth.org/robotgrant/) Please share with any elementary teacher that you think could benefit from this as well.

Inquiries may be directed to RobotGrant@TechPointYouth.org

Keeping in Touch

Love to be "in the know" about all things Engineering and Technology in Indiana? If you are not on Mary Rinehart's email list for E&T Educators, please email mrinehart@doe.in.gov to join. Also consider following @IndianaETE on Twitter and FB.

Learning Connection Updates

The IDOE- *Engineering and Technology Educators* group on the Learning Connection will be the community for all E&T communication. All other communities will be deleted. [Click here](#) for directions on how to join this community.

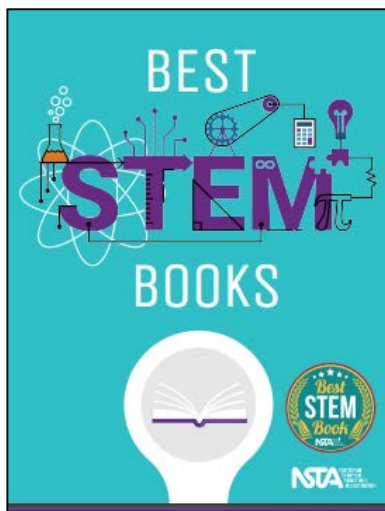
STEM Resources from Texas Instruments

Path to STEM Projects

Texas Instruments has created activities for the TI-Innovator™ Hub with the TI LaunchPad™ Board that explore STEM concepts and develop engineering skills by designing and coding electronics.

Projects include teacher resources and video guides as well as detailed instructions for students. View the Path to Stem Projects at <https://education.ti.com/en/activities/stem/path-to-stem/nspire-cx#>

More coding resources at <https://education.ti.com/en>



Best STEM Books by NSTA

This is the inaugural Best STEM Books list commissioned by the National Science Teachers Association. Professionals from several associations – including ITEEA - came together to determine criteria that would make up a STEM book and ultimately choose books for this highly valued list. View the criteria [here](#). Thirty-one books made the list for 2017. View a list of books with descriptions in a printable PDF at <http://static.nsta.org/pdfs/2017BestSTEMBooks.pdf>. This list contains both elementary and middle school books, and can be used in multiple ways to support literacy.

K-12 Computer Science

Teachers' Toolbox

May 2017

Sign up today to join a
**LEARNING CONNECTION
COMMUNITY**

to get CS posts!!

Join **IDOE – Business
Marketing and IT Education**
for 6-12 CS specific posts and
Indiana Elementary Education
for K-5 CS specific posts.

**Interested in Middle
School or High
School Computer
Science Training?**

Indiana is very fortunate to have several providers of high quality Computer Science teacher training programs such as Nextech, PLTL, and NMSI, just to name a few. Several teachers from around the state have inquired about the availability of training opportunities at more regional locations around the state however, and the IDOE is exploring supporting several regional training cohorts.

The training model would be two consecutive full-time days, two additional single-day trainings, and monthly on-line activity and support throughout the school year. Training would be free, and workshop participants will receive PG points. If you would be interested in attending training at either the middle or high school level **THIS** summer, with launch in August, please contact [Dena](#).

Volunteers Needed to Review Materials that Unpack the New Computer Science Standards

In collaboration with the IDOE, the Outreach Computing Director at IU has developed training materials for the K-8 Computer Science standards released in April, 2016.

The prepared materials unpack the standards, giving context, resource links, and classroom activities that can be integrated into each discipline. Materials have been produced for each standard, at each grade band.

We are seeking volunteers to review the materials and make suggestions, hoping to create a small review board of five K-2 teachers, five 3-5 teachers and five teachers from grades 6-8. Our goal is to release the materials, along with follow-up podcasts, over the summer months in time for utilization in the 2017–2018 school year.

Volunteers do **NOT** need to have any experience with the standards or Computer Science. Reviewers will receive a small gift card and PG points for their collaboration. Email [Dena](#) if you are interested.

Advanced K-5 Computing Conference

September 15-16, we have scheduled our very first **Advanced K-5 Computing Conference** at the University of Indianapolis, designed for K-5 personnel who have already attended an initial K-5 CS training. Mark your calendars!

The conference will feature advanced training sessions in computational thinking, coding, and data, featuring lesson plans and activities you can immediately use in your classrooms. There will be teachers panels covering pipeline creation; assessment; and other topics, as well as teachers showcasing best practices. We have invited vendors of classroom robotics and other instructional materials to come show their wares. Watch the [Learning Connection](#) for more information!

World Languages

Teachers' Toolbox

May 2017

FINAL ISSUE

Summer PD Opportunities

Workshops/Sessions/Self-directed PD

Make sure to join the Learning Connection to stay connected to World Languages at IDOE. [Join HERE!!!](#)

Sessions @ Summer of eLearning Conferences

Launching Inquiry – Fishers High School (June 8)
eVillage – Valparaiso (June 16) ([Register here for EPHS!](#))
eLead – Anderson University (June 20)
The Suite Life – Washington High School (June 22)
Register for eLearning Conferences [HERE!](#)

Full Day – Evansville Vanderburgh Schools

Office of Academic Affairs
951 Walnut St., Evansville, IN 47713
Sign up by e-mailing: jwoerner@doe.in.gov
June 13th, 2017 8:30am – 3:30pm - **FREE**

Professional Development... Did you know that schools can request professional development from the Indiana Department of Education? We may ask that you combine your group with that of neighboring schools to get a group of world language teachers together, but we are happy to assist you in moving toward proficiency, utilizing Can Do statements in your classroom, integrating technology into the WL classroom, vertical curriculum articulation, Integrated Performance Assessments (IPAs) and more!

Professional Development Online:

Twitter: #LangChat – Thursdays at 8:00pm EST

Twitter: #EarlyLang – Day/Time is still TBD

Twitter: Follow [@ProficiencyPath](#), [@csctfl](#), [@iflta](#), [@EarlyLang](#), [@GlobalEdIndiana](#), [@tellproject](#), [@actfl](#), [@OWLlanguage](#)

Podcasts: America the Bilingual & Tea w/ BVP

Pinterest: [CSCTFL](#), [IDOE](#), [Spanish Playground](#), [Primary French](#), [Intrepid Guide \(German\)](#), [Chinese Resources](#), & [Japanese Resources](#)

IDOE Book Study Opportunity:

[Poor Students, Rich Teaching](#) by Eric Jensen

June 5 – August 6, 2017

Sign-up by clicking [HERE!](#)

Professional Development... Conferences to keep on your radar for the 17-18 School Year!

[IELTA 2017](#) – Indianapolis, IN Nov. 2-4, 2017

[ACTFL 2017](#) – Nashville, TN Nov. 17-19, 2017

[CSCTFL 2018](#) – Milwaukee, WI March 8-10, 2018

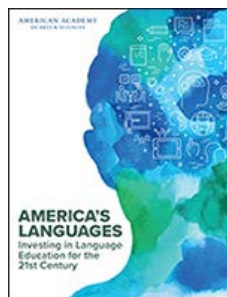
Advocacy

Every Student Succeeds Act – ESSA

Did you know that ESSA is the new legislation that replaced No Child Left Behind? I encourage you to learn more about ESSA, how it will impact your school and share your insights as an advocate for world languages as the plan gets written for a well-rounded education for kids in Indiana.

Check out these links to learn more: [IDOE](#), [ACTFL](#), [USDoe](#), [JNCL-NCLIS](#) (Lobbyist)

Lead with Languages - A national campaign showcasing the value of learning languages! [See it!](#)



American Academy of Arts & Science (AAAS) calls for language learning to be made a priority when establishing new educational policies. Read its recommendations by [clicking here!](#) It's worth your time!

Specialist Contact

Jill Woerner @GlobalEDIndiana
Global Learning and World Languages Specialist
jwoerner@doe.in.gov
317-234-5705



Health & Physical Education

Teachers' Toolbox

May 2017



Important Updates on Communication

Would you like to be able to communicate easily with other Health and PE teachers across the state? Would you like to receive important and timely information and updates from the IDOE?

If you answered **YES** to either of these questions then it's important that you join the [Learning Connection](#). After creating your Learning Connection account, then you need to be sure and join the "IDOE Physical Education" and/or "IDOE Health Educators" Community. More information, instructions and steps to help you with the process are located at the beginning of this edition of Teachers' Toolbox.

PLEASE take the time to get connected, and help me spread the word to all your colleagues!

TAG Talks Videos



TAG stands for **Adolescent Health: Think, Act, Grow**. The HHS Office of Adolescent Health has collaborated with the federal Interagency Working Group on Youth Programs and with NYU professor Niobe Way, Ed.D. and Frances Jensen, M.D. to offer two new videos. The first video, "[Friendships Affect Well-being of Boys and Young Men](#)", is about the importance of friendships for adolescent boys and what prevents them from building meaningful relationships. Given the research that links

friendships with health and well-being, the findings have profound implications for families and adults who work with adolescents. The second video, "[The Power of the Adolescent Brain](#)", shares what researchers have learned about adolescent brain development, functioning, and capacity. In the video Dr. Jensen describes the connection between teen brain development and learning, addiction and mental health, and provides practical suggestions for families with adolescents. Watch the videos now and use the accompanying resources and discussion guides for professionals and families.

FREE WEBINAR

**ADAPTED PE: Using Visual Support Cues
for Children with Autism**

May 11, 2017 • 4:00 – 5:00 pm EST

This webinar from PE Central will introduce participants to autism and unique teaching methods specific to autism that will help students have a more successful PE experience.

[Register Now](#) – Space is Limited

CALL FOR PROPOSALS

**2018 SHAPE America National
Convention**

The [call for proposals](#) is now open for the 2018 SHAPE America National Convention in Nashville, TN, March 20-24. Deadline is June 16.

National PE & Sport Week, May 1-7

"Get Active! Take Action!" is the theme this year. A special website with activity ideas, advocacy steps and sharing tips to empower students to lead healthy and active lives is found [HERE](#).



2017 Indiana School Health Conference

Registration now open!

Click [here](#) for conference details.

Sue Henry | suhenry@doe.in.gov
317-234-0217

Elementary Edu.

Teachers' Toolbox

May 2017

Mathematics Instructional Best Practice

Elicit and Use Evidence of Student Thinking

Effective teaching of mathematics uses evidence of student thinking to assess progress toward mathematical understanding and to adjust instruction continually in ways that support and extend learning.

Principles to Action, pg 53

- Effective mathematics teaching elicits evidence of student's current mathematical understanding and uses it as the basis for making instructional decisions.
- A focus on evidence includes:
 - Identifying indicators of what is important to notice in students' mathematical thinking
 - Planning for ways to elicit that information
 - Interpreting what the evidence means with respect to students' learning
 - Deciding how to respond on the basis of students' understanding
- Using assessment *for* learning means that:
 - Students are revealing their mathematical understanding, reasoning, and methods in classroom discourse and written work.
 - Students reflect on mistakes and misconceptions to improve their understanding
 - Students ask questions, responding to, and giving suggestions to support the learning of their classmates
 - Students assess and monitor their own progress towards math learning goals, and identify areas they can improve.

Are you looking for text sources?

[Teacher Printable Short Stories](#)

[Highlight Kids](#)

[National Geographic](#)

[ReadWorks](#)

[Newsela](#)

[Smithsonian TweenTribune](#)

[TextProject](#)



Indiana Elementary Education Learning Connection Community



If you have not already joined the Indiana Elementary Education community, I encourage you to do so. This will be the platform for communicating various resources and opportunities.

Connect with me...

Nick Flowers

E-mail: nflowers@doe.in.gov

Secondary ELA

Teachers' Toolbox

Melanie Martz

(317) 232-9013

May 2017

Creating a Text Set

The Indiana Academic Standards for English/Language Arts support the a guiding principle of student reading a wide range of fiction, nonfiction, classic, and contemporary works. A great way to expose students to a wide range of readings is to create text sets. A text set is a collection of related texts organized around a topic, line of inquiry, or big/essential question. According to the Council of Chief State School Officers, the line of inquiry of a given set is determined by an anchor text—a rich, complex grade-level text. The anchor text is the focus of a close reading with instructional supports in the classroom. The number of texts in a set can vary depending on purpose and resource availability around a given topic. What is important is that the texts in the set are connected meaningfully to each other to deepen student understanding of the anchor text. In a sense, the texts “talk to one another” so that in reading the set, students build a coherent body of knowledge around a topic.



Find resources on assessing text complexity [here!](#)

Free Statewide Lending Library



Indiana Humanities has a program called Novel Conversations that houses a lending library of over 600 titles, primary fiction and biography. On the website <http://indianahumanities.org/programs/novel-conversations>.

On the website, you will find:

- Book List
- Online Reservation System
- Instructions to use reservation system
- More detailed information



Please join the **Indiana Secondary ELA Teachers Community** on the Learning Connection!



Attention ELA Teachers! Want to connect with other Indiana ELA Educators?? Check out these opportunities!

Join Melanie and other Secondary ELA Teachers for a Twitter Chat

Tuesday, May 23rd
8-9pm EST
#INSecELA



Indiana Second...
• Melanie Martz
All Threads
CHANNELS (6)
doelateam
#in-need-want-lookfor
#indiana6-Bela
#indiana612elateachers
#indiana9-12ela

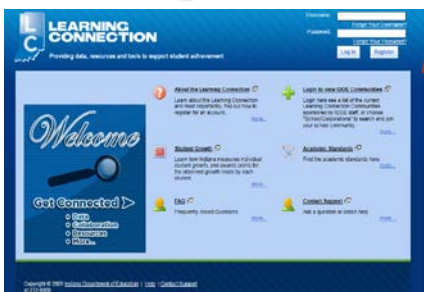
Melanie is trying out an Indiana Secondary ELA Teachers Team on Slack, join using [the sign up link](#) and try it out with her!

Secondary Science

Teachers' Toolbox

May 2017

Learning Connection



To continue receiving the Secondary Science communication, please join the IDOE – Science Educators Discussion Group on the Learning Connection. For information on how to create a Learning Connection account, joining a community (IDOE – Science Educators Discussion Group), and how to adjust your notification settings, please reference the initial pages of Teachers' Toolbox.

Congratulations to the 2017 STEM Certified Schools!

The Indiana Department of Education was proud to announce the third cohort of STEM Certified Schools. Here is the [official press release](#). For more information on STEM resources, initiatives, previous cohorts, and how to become a STEM Certified School, visit the [STEM education](#) webpage.

Full STEM Certification

Elementary:

Brooklyn Elementary School – MSD of Martinsville
Eagle Creek Elementary – MSD of Pike Township
Riverside Intermediate – Plymouth Community School District
Roosevelt STEAM Academy – Elkhart Community Schools

Secondary:

Barker Middle School – Michigan City Area Schools
Batchelor Middle School – Monroe County Community School Corporation
Ben Davis 9th Grade Center – MSD of Wayne Township
Doe Creek Middle School – Community School Corporation of Southern Hancock County
Helfrich Park STEM Academy – Evansville Vanderburgh School Corporation
Prosser Career Education Center

Full STEM Certified Program- School within a School Model

Pike Career & STEM Center – MSD of Pike Township



IDOE - Science Educators Discussion Group

Home Announcements Forums Files and Bookmarks Lessons Members Settings

In the IDOE – Science Educators Discussion group, the Announcement tab will take you to current student and educator opportunities (professional development, workshops, scholarships, grants, resources, webinars, etc.) The Forums tab allows for educators to pose a question to the group, ask about materials, resources, and connect with other science educators across the state. The Files and Bookmarks tab has documents, resources, and links to additional information.



Announcement of the recipient of Green Ribbon School (GRS) recognition award 2017 will happen in early May. The GRS award honors schools that are exemplary in reducing environmental impact & costs; improving the health & wellness of students & staff; and providing effective environmental & sustainability education. Check [here](#) for the announcement and past awardees.

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Secondary Science and STEM Specialist



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Secondary Math

Teachers' Toolbox

Final Issue – May 2017

We Have Come to the End of the Tracks



The End is Upon Us.

As we know and have experienced, “All Good Things Must Come To An End.” This is it for the Teacher’s Toolbox and for me at the Indiana Department of Education. The Teacher’s Toolbox is no longer. This May publication will be the last one. From now on the best place to get your information, resources and guidance will be from the Learning Connection. Join the Learning Connection then choose the communities from which you wish to receive updates and information from when it is

posted. Please join at: <https://learningconnection.doe.in.gov/Login.aspx?ret=%2fdefault.aspx>. Once you have joined please become a member of the IDOE – Indiana Mathematics Community. You can search for and join other communities on the Learning Connection once you have signed up for an account. You can also connect with other educators around Indiana by adding them as contacts.

Keep Doing GREAT Things

It has been my pleasure to serve you and help contribute to improving Mathematics education in Indiana for the past 3.5 years as the Secondary Mathematics and STEM Specialist. I would encourage you to continue the great things that so many of you are doing. Continue to challenge your students with problems that are “[Low Floor, High Ceiling Tasks](#)”. Continue to work on the [Mathematical Process Standards](#) in your classrooms. Continue to [Mathematical Success for All Students](#) in your classrooms. Continue to find and share [Mathematical Resources](#) with your colleagues and on the [Learning Connection in the IDOE – Indiana Mathematics Community](#) so all math teachers can benefit and improve. Never stop learning, trying new and innovative ideas and techniques, improving you mathematical knowledge and teaching skills. Never be satisfied with just being good. Inspire to be GREAT! Commit to integrating awesome mathematical resources like [DESMOS](#). Teach your students how they can learn Mathematics without always relying on you by using resources like [Khan Academy](#) or [Dan Meyer’s Three Act Lessons](#) or [Cut the Knot](#). Let your love of mathematics and you care and concern for your students shine through in all that you do. I am very proud that I am labeled a math geek and my friend and colleagues refer to me as “That Math Guy!” Be proud of what you do. You are a Math Teacher. Celebrate Mathematics! I wish you all the best.

Make Your Voice Heard

Do you know the best way to share your thoughts with the Indiana Department of Education? It is easy. Fill out and submit a “Customer Satisfaction Survey.” It is located on the homepage of the Indiana Department of Education’s website at: <http://doe.in.gov> or you can access it directly at: <https://form.jotformpro.com/70474387441965> Share your ideas, positive comments and concerns with the Indiana Department of Education. Your input will go directly to the leadership at the Indiana Department of Education. This is one of the best way to have your voice heard at the Indiana Department of Education.

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Business, Marketing, Information Technology, & Entrepreneurship Page 1 of 2

Teachers' Toolbox

May 2017

Fifteen Hoosiers Attend Annual NBEA Conference in Chicago



Left to right: Brian Wolfe, Greg Valentine, John Dawson, Doug Coats, Marlene Stout, Jason Hendrickson, Rachelle Jones, Pam Raines Ray, Jennifer Schultz, Dena Irwin, John Lightle Not pictured: Stacy Baker, Ray Colglazier, Jean Kesterson, Curt Mason.

If you have never attended the National Business Education Association Conference, you are missing out. First of all, they have world-class keynote speakers, informative and useful technology and concurrent sessions, and great networking opportunities.

I participated in two technology workshops: "Infographics: Marketing Tool Extraordinaire" and "Let's Get Social in the Business Education Classroom". Both were very informative and hands-on. I have permission to share the document below created by students at Mississippi State University comparing social media platforms, including their purpose and educational examples. Click the picture to get your own copy.

Article continued on the next page

Facebook	Twitter	Instagram	Pinterest	Snapchat	LinkedIn
Facebook Social media platform for sharing photos, videos, and text. It is the most popular social media platform in the world.	Twitter Microblogging platform for sharing short messages (tweets) of up to 140 characters.	Instagram Photo and video sharing app that allows users to share photos and videos with filters and captions.	Pinterest Image-centric social media platform for discovering and saving ideas for projects, inspiration, and creative ideas.	Snapchat Mobile app for sharing photos and videos that disappear after a few seconds.	LinkedIn Professional networking site for connecting with other professionals and businesses.
Purpose Connect with friends and family, share photos and videos, and discover new content.	Purpose Share short messages and engage in conversations.	Purpose Share photos and videos with filters and captions.	Purpose Discover and save ideas for projects, inspiration, and creative ideas.	Purpose Share photos and videos that disappear after a few seconds.	Purpose Connect with other professionals and businesses.
Educational Examples Teachers can use Facebook to share lesson plans, connect with other educators, and promote their schools.	Educational Examples Teachers can use Twitter to share resources, engage in conversations, and promote their schools.	Educational Examples Teachers can use Instagram to share photos of their classrooms, students, and projects.	Educational Examples Teachers can use Pinterest to find inspiration for lesson plans, projects, and classroom decor.	Educational Examples Teachers can use Snapchat to share photos and videos of their students and classrooms.	Educational Examples Teachers can use LinkedIn to connect with other professionals and businesses.

IMPORTANT TO JOIN NOW!

Summer PD

IMEA & DECA Training

June 12-14
Yorktown High School and
Ball State University

Innovative Educators Conference

June 20, 2017
Ball State Center for Academic and Economic
Innovation
Fishers, IN

ACTE Region III Conference

VU Aviation Technology Center
June 21-23, 2017
Wyndham Indianapolis West

\$mart Indiana Economic Education & Financial Literacy Conference for All K-12 Teachers

June 28 & 29, 2017
Sheraton/Keystone Crossing

Tech Camp

July 11-14, 2017
IUPUI

IACTE

New & Newer Teacher Workshop
Marriott East, Indianapolis
September 22-23, 2017

IBEA Annual Conference

Wyndham Indianapolis East
November 17-18, 2017

Sign up today to join the *IDOE – Business Marketing and IT Education*
LEARNING CONNECTION COMMUNITY!!!

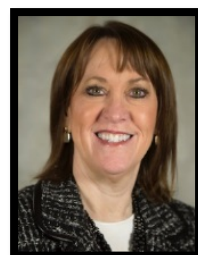
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Business, Marketing, Information Technology, & Entrepreneurship Page 2 of 2

Teachers' Toolbox

May 2017

Article continued from the previous page

Last year was the first time I was able to attend the National Association of Supervisors for Business Education ([NASBE](#)) Rap Session. This year, Doug Coats (Pike High School Department Chair) and I attended. Dues are \$20 and open to anyone that is a leadership role within a business department. These folks share so many great resources and ideas. We also learned what was going on in each state related to business education.

Other highlights of the conference included talking with vendors, attending a NBEA advocacy session, policies commission, general sessions, legislative seminar, student achievement, teaching coding, social media marketing, personal branding, global business, game design, awards luncheon, soft skills, and teaching in a global world.

I hope you will appreciate what our professional affiliates do for us and [join](#) today!

Textbook Adoption?

A few years ago Indiana stopped a formal textbook adoption process and has left the decision making process totally to the schools. However, some schools still follow the old rotation system and business is coming up next year.

I have created a list of all the business textbook vendors that I know of in case you want to contact them to get samples.

The DOE will be updating the pathways within the next few months. Updating the standards would come next. It has been suggested that you hold off textbook adoption for one year until the pathways and standards have been updated so your books align. This is purely a suggestion.

BMIT&E At-A-Glance



Click the picture on the left to access a two-page document about BMIT&E, class enrollments, CTSOs, and pathways.

Textbook Vendor List

[B. E. Publishing](#)

Joe Nigrelli,
joe@bepublishing.com

[Goodheart-Willcox](#)

Kristen Hernandez,
khernandez@g-w.com

[Cengage Learning](#)

Gina Rosiello,
gina.rosiello@cengage.com

[Paradigm](#)

David Bunn
David.Bunn@paradigmeducation.com

[iCEV](#)

Ken Bollinger,
kenbollinger@cevmultimedia.com

[Glencoe/McGraw-Hill](#)

Michael Houston
Michael.Houston@mheducation.com

If you are interested in helping develop curriculum guides for BMIT&E courses over the summer, contact Dena.

Family and Consumer Sciences and Work Based Learning

Teachers' Toolbox

May 2017

Teacher Appreciation Week: An Opportunity for Recruitment

I want to thank all Work Based Learning and FACS teachers for the work you do. As we celebrate the great teachers in Indiana during Teacher Appreciation Week, use this as an opportunity to promote the profession of teaching and highlight the great intrinsic rewards of teaching. Need ideas? Check out the resources about incorporating lesson plans on the teaching profession. Click [Here](#) or [Here](#)



What is Global Competence?

Every young person should be able to:

- Investigate their world, including their immediate environment and beyond.
- Recognize their own and others' perspectives.
- Communicate and collaborate with diverse audiences.
- Translate their ideas and findings into appropriate actions to improve conditions

Click [Here](#) to learn about incorporating Global Learning into the classroom.



State-Wide Impact Day to Promote Safe Driving May 12, 2017

- Share safe driving statistics with side-walk chalk in an area where students walk.
- Complete a seatbelt check where student drivers enter the parking lot.
- Share safe driving messages on the announcements
- Post items on social media utilizing #fcclaimpactday

FCCLA Summer Leadership Academy

June 16, 2017

10:00 am-3:00 pm

Avon High School

[7575 East 150 South, Avon, IN 46123](#)

Who: Current and future chapter or district leaders

What: Students will gain valuable FCCLA knowledge and leadership skills

Why: Help develop your students

Bonus Session: FCCLA Adviser Workshop 10:30-2:00

Register at: <https://goo.gl/forms/xsqxuREGETec7rFw1>



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Health Science

Teachers' Toolbox

May 2017



Important Updates on Communication

Would you like to be able to communicate easily with other Health Science teachers across the state? Would you like to receive important and timely information and updates from the IDOE?

If you answered **YES** to either of these questions then it's important that you join the [Learning Connection](#). After creating your Learning Connection account, then you need to be sure and join the ["IDOE Health Science Educators" Community](#). More information, instructions and steps to help you with the process are located at the beginning of this edition of the Teachers' Toolbox.

PLEASE take the time to get connected, and help me spread the word to all your colleagues!

Indiana Nursing and Physician Assistant Data Reports

The Bowen Center for Health Workforce Research & Policy has released the [Indiana Nursing](#) and [Physician Assistants](#) Data Reports. As reported by the Indiana Nursing Data Report, "the nursing workforce represents the largest segment of the health workforce and works in a variety of settings to fulfill direct patient care, coordination of care, administrative and research roles. In fact, in 2015 Indiana had over 104,000 registered nurses (RNs) renew their professional license. Furthermore, as the number of medical students choosing to specialize in primary care continues to decline, the number of advanced practice nurses (APNs) has more than doubled over the past 20 years. Understanding the supply and distribution of the RN and APN workforce is critical for understanding their capacity to meet health care needs and improve population health". The data presented in the report is derived from the 2015 Indiana Licensure Survey, conducted by the Indiana Professional Licensing Agency (IPLA) during the nurses' biennial license renewal.

The Physician Assistant (PA) Report contains information derived from data collected in a survey offered during the 2016 biennial re-license renewal period for PAs in Indiana. As reported by the Data Report, the survey revealed that "an uneven geographic distribution of PAs is reflected by the fact that the highest PA full-time equivalent (FTE) was found in Marion County while over one-third of Indiana counties (37.0%) do not have any reported PA FTE. As with other health workforce professions, the greatest need for PAs exists in rural area, as over three-quarters (79.4%) of those counties are absent any reported PA FTE". In 2016 of the 1,346 PAs who renewed their license, only 806 (59.9%) reported having a verified Indiana practice address, supporting the need for a strong healthcare workforce.

Both reports provide a snapshot of important demographic and practice characteristics of RNs, APNs and PAs in Indiana. This information is essential in the efforts to improve the quality and accessibility of health care, through policymaking, workforce development and allocation of resources.

May 6-12, 2017 - National Nurses Week

[National Nurses Week](#) begins each year on May 6 and ends on May 12, Florence Nightingale's birthday. The week celebrates the legacy of Florence Nightingale and for her work in establishing nursing as a profession in its own right. **Be sure and celebrate a nurse in your life, especially if it's you!**



Congratulations to the 2017 HOSA State Officers

Teodora Simion – President; **Johnna Mitchell** – President Elect; **Alexander Zeigler** – VP of Development; **Ashley Metangmo** – VP Public Relations; **Emily Brown** – Secretary; **Maria Morales** – Treasurer; **Senchelle Navarre** – Historian; **Lauren Buerghler** – Representative



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Trade & Industry

Teachers' Toolbox

May 2017

CTE Fall Conference Fast Approaching



The Indiana ACTE Fall Conference is September 22nd



September will be here before you know it and that means another Indiana ACTE Fall Conference and New Teacher Workshop. That happens Friday September 22nd 2017. The CTE Fall Conference is the premier event for CTE teachers in Indiana. It's a chance to find out about the latest trends in career and technical education while networking with colleagues and industry representatives. This year organizers have designed the conference to allow for more program specific content. That means each content area will have a number of slots available that appeal to their specific content area teachers. For example, we would like to see sessions specifically for welding teachers, law enforcement teachers, cosmetology teachers, etc. Organizers need your help in developing breakout sessions that appeal to your respective group of instructors. These could be sessions on practices, processes, and trends or general information sessions for new teachers in your area. Affiliate groups are highly encouraged to submit ideas. Please submit any ideas to Davis Moore at dmoore@doe.in.gov or call 317-232-0512.

Job Fair for Manufacturers



Don't miss the IMA job fair June 1 2017

The Indiana Manufacturers Association is hosting a Job Fair for those interested in careers in Advanced Manufacturing. That happens **June 1, 2016 from 9am to 4pm at the Kokomo Event and Conference Center 1500 N. Reed Rd. Kokomo, IN 46901.** This event offers an excellent opportunity for you to meet students and potential job candidates who are interested in internship and employment opportunities. This event will be open to adults actively seeking employment, as well as youth and young adults interested in pursuing manufacturing careers. For more information on the event and registration contact Kathy Gundle at kgundle@imaweb.com

Resources

The Society of Manufacturing Engineers (SME) is offering free membership to students and teachers involved in Advanced Manufacturing. Memberships are valued at 20 dollars for students and up to 100 dollars for teachers. Membership includes information on the latest trends in manufacturing as well as a number of resources designed to engage students and allow them to make connections in the industry. Contact Natalie Lowell at NLowell@sme.org for more information.